

## SYSTEM AND METHOD FOR DISPLAYING CARDIAC EVENTS

### Abstract

Systems and methods are provided for displaying statistical distributions of cardiac events. According to one aspect, a programmer device is provided that generally comprises circuitry for communicating with a medical device, and a display. The medical device collects data regarding cardiac events occurring at two or more sites, and the display provides a histogram of the data as two or more statistical distributions for the two or more sites. In one embodiment, the data includes both sensed intrinsic cardiac events and paced cardiac events. And in another embodiment, the histogram generally comprises a plurality of histogram bins that provide statistical distributions for the cardiac events. Each of the histogram bins generally includes a portion of a first cardiac event distribution and a portion of a second cardiac event distribution. In one embodiment, the portions of the first cardiac event distribution and the portions of the second cardiac event distribution are adjacent to each other in each histogram bin. In one embodiment, the first and second cardiac event distributions include right ventricular and left ventricular cardiac event distributions. According to other aspects, a method, a system, a histogram, a display, and a software program for providing a cardiac event graph are also provided herein.

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